

## EAST Search History

## EAST Search History (Prior Art) /DC/ - 12/22/2010

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	1102	(Goldsberry-H\$ Dilts-K\$ Hunter-C\$ O\$1Toole-M\$ Proverb-R\$ Pawlowska-L\$ Baikow-G\$ Komarowska-K\$ Dauplaise-D\$ Scanlon-M\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/22 14:09
L14	14	13 and ((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) near8 (emulsion emulsifying emulsification dispersing dispersion))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 14:12
L15	486	((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) and (emulsion emulsifying emulsification dispersing dispersion))	EPO; JPO; DERWENT	OR	ON	2010/12/22 14:19
L16	1	L15 and (non\$1ionic near8 starch) and (oxidized near8 starch)	EPO; JPO; DERWENT	OR	ON	2010/12/22 14:19
L18	457	((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) near8 (emulsion emulsifying emulsification dispersing dispersion))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 14:22
L19	7	L18 and (non\$1ionic near8 starch) and (oxidized near8 starch)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 14:22
L21	12	((((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) and (emulsion emulsifying emulsification dispersing dispersion)) and ((anionic non\$1ionic near10 (starch polysaccharide))). clm.	US-PGPUB	OR	ON	2010/12/22 14:27
L23	457	((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) near8 (emulsion emulsifying emulsification dispersing dispersion))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 14:54

S1	5	((("6162328") or ("4849055") or ("4832792") or ("4657946") or ("4040900"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/17 13:53
S2	125	((ASA or (alkenyl adj succinic adj anhydride)) with starch) and (retention same starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 12:43
S3	1	("5972100").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 15:30
S4	12	GB-1296511-\$.did. WO-200138638-\$.did. WO-9749865-\$.did. WO-200020686-\$.did. WO-200100927-\$.did. WO-200208514-\$.did. WO-200235003-\$.did. WO-9730218-\$.did. EP-257772-\$.did.	EPO; DERWENT	OR	ON	2007/11/17 12:27
S5	43	("3102064"   "3821069"   "3968005"   "4040900"   "4222820"   "4235629"   "4657946"   "4666519"   "4687519"   "4832792"   "4849055"   "4849131"   "4872951"   "4915786"   "0049397"   "5015500"   "5104486"   "5219912"   "5224993"   "5306757"   "5312333"   "5415631"   "5627224"   "5723179"   "5759249"   "5766417"   "5846663"   "5876562"   "5931225"   "5972100"   "6048392"   "6159339"   "6162328"   "6183550"   "6207719"   "6248164"   "6325893"   "6348132"   "6372035"   "6444024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 15:08
S6	5	((("6548427") or ("5962555") or ("6576049") or ("6666952") or ("6114477"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/16 15:09
S7	5	((("6162328") or ("4849055") or ("4832792") or ("4657946") or ("4040900"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/16 15:09
S8	48	S7 S5 S6	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 15:54
S9	1	("5391225").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/16 15:55
S10	1	("20060049377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/16 15:55

S11	5	("4849055").URPN.	USPAT	OR	ON	2007/11/17 12:24
S12	1	("4606773").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/17 12:26
S13	2	EP-418015-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/11/17 12:26
S14	2	WO-9731152-\$.did.	EPO; DERWENT	OR	ON	2007/11/17 12:28
S15	1	("6284099").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/17 12:28
S16	161	((ASA or (alkenyl adj succinic adj anhydride)) with starch) and (particle near2 (size diameter dimension))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 12:45
S17	187	((ASA (alk\$2yl adj succinic adj anhydride) (alk \$2ylsuccinic adj anhydride)) with starch) and (particle near2 (size diameter dimension))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 13:05
S18	5	((ASA (alk\$2yl adj succinic adj anhydride) (alk \$2ylsuccinic adj anhydride)) with starch) and (bimodal trimodal multimodal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 13:10
S19	195	(ASA (alk\$2yl adj succinic adj anhydride) (alk\$2ylsuccinic adj anhydride)) and (bimodal trimodal multimodal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 13:11
S20	23	(ASA (alk\$2yl adj succinic adj anhydride) (alk\$2ylsuccinic adj anhydride)) and ((bimodal trimodal multimodal) with (ASA anhydride emulsion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 13:10
S21	19	S20 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 13:11
S22	2702	(162/158,175).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/17 13:53
S23	2878	(162/158,175).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/17 13:54
S24	587	(106/238).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/17 13:54

S25	195	(549/233).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/17 13:55
S26	246	(252/8.83).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/17 13:54
S30	4	S25 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 14:58
S31	618	((AKD (alk\$2yl adj ketene) oxetanone) with starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 15:00
S32	518	S31 and paper and sizing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/17 15:01
S33	195	S32 and (ASA or (alkenyl adj succinic adj anhydride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 15:08
S34	32	(polysiloxane silanol PDMS polydimethylsiloxane silane (silicon adj oil)) with sphericity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 15:33
S35	53	water near5 sphericity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/19 15:34
S36	335	(549/233,255).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 14:39
S37	88	S36 and (dispersant emulsifier stabilizer stabilizing emulsifying dispersing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:39
S39	7	S37 and ((anionic nonionic (non adj cationic)) with starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:40
S40	7	S37 and ((anionic nonionic (non adj cationic)) same starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:40

S41	2673	(ASA (succinic adj anhydride) AKD (ketene adj dimer) diketene) with (dispersant emulsifier stabilizer stabilizing emulsifying dispersing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:41
S42	7	S36 and ((anionic nonionic (non adj cationic)) same starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:41
S43	425	S41 and ((dispersant emulsifier stabilizer stabilizing emulsifying dispersing) same (anionic nonionic (non adj cationic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:41
S45	96	S43 and ((anionic nonionic (non adj cationic)) with starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:42
S46	53	S45 and ((dispersant emulsifier emulsifying dispersing) with (anionic nonionic (non adj cationic)) with starch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:43
S47	34	S46 and (particle adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 14:44
S48	8	((("4040900") or ("4606773") or ("4657946") or ("4832792") or ("4711674") or ("4687519") or ("4544414") or ("6576049")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 14:44
S49	11	((("3770372") or ("4533434") or ("4606773") or ("4849055") or ("4915786") or ("5756646") or ("5969011") or ("5972100") or ("6001166") or ("6576049") or ("6666952")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/12 14:48
S50	5	S49 and (anionic near8 (starch polysaccharide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/12 14:48
S51	10	S49 and ((cellulose adj reactive) ASA AKD (succinic adj anhydride) (ketene adj dimer) diketene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/12 14:50
S52	5	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/12 14:50

S53	11	((("3445330") or ("3992345") or ("4545855") or ("4695401") or ("4711671") or ("4728366") or ("4747910") or ("4784727") or ("5510003") or ("6346554")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/22 08:13
S54	1	("6093217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/22 10:20
S55	2402	hydrophobic\$4 near3 (starch polysaccharide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:47
S56	16	S55 and (hydrophobic\$4 near8 acetyl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:47
S57	598	(ASA (alkenyl adj succinic)) with (starch polysaccharide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:47
S58	184558	(oxidized oxidation acid acetyl\$4 hydroxyalkyl\$4 cooked) with (starch polysaccharide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:48
S59	413	S57 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:48
S60	237	S59 and (emulsion emulsifier emulsified)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:48
S61	79	S59 and ((ASA (alkenyl adj succinic)) with (starch polysaccharide) with (emulsion emulsifier emulsified))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:49
S62	71	S61 and (sized sizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:49
S63	157	starch with cooked with typical\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/23 13:40
S66	5	((("5104486") or ("6183550") or ("6348132") or ("20050224202") or ("6162328")).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/10 09:30

S67	25	(ASA (alkenyl adj succinic)) and ((emulsify emulsifier emulsification emulsifying) same (anionic near5 starch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 12:51
S68	1	("6165259").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/10 12:51
S69	1	((ASA (alkenyl adj succinic)) near5 (emulsify\$3 emulsifier emulsification dispersant dispersing)) and ((emulsify\$3 emulsifier emulsification dispersant dispersing) same (nonionic near5 starch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 15:58
S70	3	(ASA (alkenyl adj succinic)) and ((emulsify\$3 emulsifier emulsification dispersant dispersing) same (nonionic near5 starch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 16:02
S71	1	("6183550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/10 16:06
S72	1	("5472485").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/10 16:20
S73	3	(ASA (alkenyl adj succinic)) and (anionic near5 starch) and (starch with acetyl\$3 with (hydroxyethyl\$3 hydroxyethyl))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 17:43
S74	28	(ASA (alkenyl adj succinic)) and (nonionic near5 starch) and (starch near5 oxidized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 17:43
S75	10	(ASA (alkenyl adj succinic)) and (stabiliz\$3 same (starch near5 oxidized))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:07
S76	1	("5595631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/10 19:32
S77	7	(ASA (alkenyl adj succinic)) and ((emulsify\$3 emulsifier emulsification dispersant dispersing stabiliz\$3) same (nonionic near5 starch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:57
S78	1	("4769081").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/10 20:22
S79	95	Rasheed-A\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/22 10:50
S80	4	S79 and (ASA or (alkenyl adj succinic adj anhydride)) and starch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/22 10:51

S81	593	(106/238).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/12/22 11:00
S82	258	(252/8.83).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/12/22 11:00
S83	343	(549/233,255).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/12/22 11:00
S84	116	(S81 S82 S83) and (ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/22 11:00
S85	3195	(162/158,175).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/12/22 11:01
S86	329	S85 and (ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/22 11:01
S87	427	S84 S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/22 11:02
S88	0	S87 and (emulsion emulsifying emulsification dispersing dispersion)	EPO; JPO; DERWENT	OR	ON	2010/12/22 11:03
S89	119	S87 and ((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) near8 (emulsion emulsifying emulsification dispersing dispersion))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 11:04
S91	53	S89 and ((anionic non \$1ionic) near10 (starch polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 11:06
S92	2	EP-418015-\$.did.	EPO; DERWENT	OR	ON	2010/12/22 11:43
S93	486	((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) and (emulsion emulsifying emulsification dispersing dispersion))	EPO; JPO; DERWENT	OR	ON	2010/12/22 11:47
S94	17	S93 and ((anionic non \$1ionic) near10 (starch polysaccharide))	EPO; JPO; DERWENT	OR	ON	2010/12/22 11:47



S95	457	((ASA (alkenyl adj succinic adj anhydride) (alkenylsuccinic adj anhydride)) near8 (emulsion emulsifying emulsification dispersing dispersion))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 11:50
S96	91	S95 and ((anionic non \$1ionic) near10 (starch polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 11:51
S97	38	S96 not S91	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/22 11:51

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	8	(Goldsberry-H\$ Dilts-K\$ Hunter-C\$ O \$1Toole-M\$ Proverb-R\$ Pawlowska-L \$ Baikow-G\$ Komarowska-K\$ Dauplaise-D\$ Scanlon-M\$).in.	UPAD	OR	ON	2010/12/22 14:25

**12/ 22/ 2010 3:23:25 PM**
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10533702.wsp**